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# DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☐

Declaration  
Submitted  
with Initial  
Filing

OR

☒

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

20021023-001A

First Named Inventor

URBANCIC, Michael

**COMPLETE IF KNOWN**

Application Number

60/421,967

Filing Date

10/29/2002

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A METHOD FOR IMPROVING THE PERFORMANCE OF A DEHYDROGENATION  
CATALYST**

(Title of the Invention)

the specification of which

☐

is attached hereto

OR

☒

was filed on (MM/DD/YYYY)

10/29/2002

as United States Application Number or PCT International

Application Number

60/421,967

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☐ Customer Number  or ☒ Correspondence address belowSud-Chemie Inc.  
IPL Department  
Name1600 West Hill Street  
AddressLouisville  
CityKentucky  
State40210  
ZIPUSA  
Country502-634-7373  
Telephone502-634-7724  
Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventorGiven Name Michael A.  
(first and middle [if any])Family Name Urbancic  
or SurnameInventor's  
Signature

Michael A. Urbancic

Date 30 April 2003

Louisville  
Residence: CityKentucky  
StateUSA  
CountryUSA  
Citizenship

3228 Broeck Point Circle

Mailing Address

Louisville  
CityKentucky  
State40241  
ZIPUSA  
CountryNAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name Michael W.  
(first and middle [if any])Family Name Balakos  
or SurnameInventor's  
Signature

Michael W. Balakos

Date 4/30/03

Buckner  
Residence: CityKentucky  
StateUSA  
CountryUSA  
Citizenship

4010 Sheehan Drive

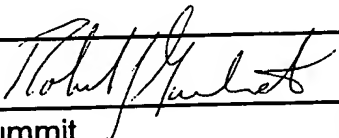
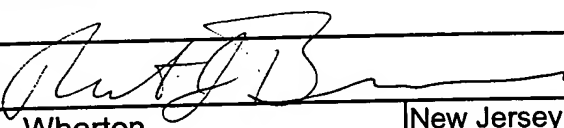
Mailing Address

Buckner  
CityKentucky  
State40010  
ZIPUSA  
Country☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION**

**ADDITIONAL INVENTOR(S)**  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Robert J.		Gartside	
Given Name		Family Name or Surname	
Inventor's Signature 		Date 5/14/03	
Summit	New Jersey	USA	USA
Residence: City	State	Country	Citizenship
167 Colonial Road			
Mailing Address			
Mailing Address			
Summit	New Jersey	07901	USA
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Robert J.		Brummer	
Given Name		Family Name or Surname	
Inventor's Signature 		Date 5/14/03	
Wharton	New Jersey	USA	USA
Residence: City	State	Country	Citizenship
5 Evergreen Avenue			
Mailing Address			
Mailing Address			
Wharton	New Jersey	07885	USA
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Sud-Chemie Inc.

Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: \_\_\_\_\_

Entitled: A METHOD FOR IMPROVING THE PERFORMANCE OF A DEHYDROGENATION CATALYST

Sud-Chemie Inc., a Delaware Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

**OR**

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

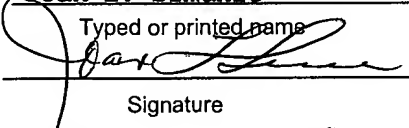
☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

October 28, 2003  
Date  
502-634-7373  
Telephone number

Joan L. Simunic  
Typed or printed name  
  
Signature  
Corporate Counsel  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# **POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM**

<b>Application Number</b>	
<b>Filing Date</b>	October 28, 2003
<b>First Named Inventor</b>	URBANCIC, Michael A.
<b>Title</b>	A METHOD FOR IMPROVING THE ...
<b>Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	20031009-003

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below:

Name	Registration Number
Joan L. Simunic	43,125

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR


<input checked="" type="checkbox"/> Firm or Individual Name	Sud-Chemie Inc.			
Address	Joan L. Simunic			
Address	1600 West Hill Street			
City	Louisville	State	Kentucky	Zip 40210
Country	USA			
Telephone	502-634-7200	Fax	502-634-7724	

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

## **SIGNATURE of Applicant or Assignee of Record**

Name	Joan L. Simunic		
Signature			
Date	October 28, 2003	Telephone	502-634-7200

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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with Initial  
Filing

OR

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Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

20021023-001A

First Named Inventor

URBANCIC, Michael

## COMPLETE IF KNOWN

Application Number

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Art Unit

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CATALYST

(Title of the Invention)

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10/29/2002

as United States Application Number or PCT International

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and was amended on (MM/DD/YYYY)

(if applicable).

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I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☐ Customer Number  OR ☒ Correspondence address belowSud-Chemie Inc.  
IPL Department  
Name1600 West Hill Street  
AddressLouisville  
CityKentucky  
State40210  
ZIPUSA  
Country502-634-7373  
Telephone502-634-7724  
Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventorGiven Name Michael A.  
(first and middle [if any])Family Name Urbancic  
or SurnameInventor's  
Signature

Michael A. Urbancic

Date 30 April 2003

Louisville  
Residence: CityKentucky  
StateUSA  
CountryUSA  
Citizenship

3228 Broeck Point Circle

Mailing Address

Louisville  
CityKentucky  
State40241  
ZIPUSA  
Country

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventorGiven Name Michael W.  
(first and middle [if any])Family Name Balakos  
or SurnameInventor's  
Signature

Michael W. Balakos

Date 4/30/03

Buckner  
Residence: CityKentucky  
StateUSA  
CountryUSA  
Citizenship

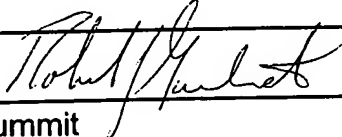
4010 Sheehan Drive

Mailing Address

Buckner  
CityKentucky  
State40010  
ZIPUSA  
Country☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventorGiven Name  
Robert J.Family Name  
or Surname  
GartsideInventor's  
Signature

Date

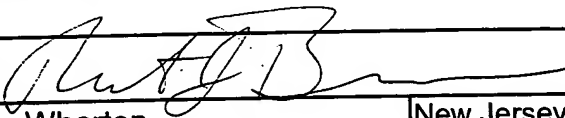
5/14/03

Residence: City  
SummitNew Jersey  
StateUSA  
CountryUSA  
CitizenshipMailing Address  
167 Colonial Road

Mailing Address

City  
SummitNew Jersey  
State07901  
ZIPUSA  
Country

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventorGiven Name  
Robert J.Family Name  
or Surname  
BrummerInventor's  
Signature

Date

5/14/03

Residence: City  
WhartonNew Jersey  
StateUSA  
CountryUSA  
CitizenshipMailing Address  
5 Evergreen Avenue

Mailing Address

City  
WhartonNew Jersey  
State07885  
ZIPUSA  
Country

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name

Family Name  
or SurnameInventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

Mailing Address

City

State

ZIP

Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



ASSIGNMENT OF INVENTION  
AND OF LETTERS PATENT

Whereas, we, the **Inventors**, Michael Urbancic, whose post office address is 3228 Broeck Point Circle, Louisville, Kentucky 40241, and Michael W. Balakos, whose post office address is 4010 Sheehan Drive, Buckner, Kentucky 40010, and Robert J. Gartside, whose post office address is 167 Colonial Road, Summit, New Jersey 07901, and Robert J. Brummer, whose post office address is 5 Evergreen Avenue, Wharton, New Jersey 07885, have invented certain improvements in **METHOD FOR IMPROVING THE PERFORMANCE OF A DEHYDROGENATION CATALYST ("Invention")**, and have executed a provisional application for United States Letters Patent of the same title filed herewith "**Application**"; and

Whereas, **Assignee, Sud-Chemie Inc.**, of Louisville, Kentucky, a(n) Delaware corporation whose post office address is 1600 West Hill Street, Louisville, Kentucky 40210 (including its successors and assigns), desires to acquire our entire right, title and interest in said **Application** and **Invention**, and any United States and foreign patents to be obtained therefor;

Now therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign and transfer unto said **Assignee**, the entire right, title and interest in said **Application** and the **Invention** disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended and the entire right, title, and interest in and to any and all patent applications, patents, continuations, continuations-in-part, divisionals, and reissues based thereon which may be filed or granted therefor in the United States or any foreign country. We also agree that **Assignee**, may apply for foreign Letters Patent on the **Invention**, and we agree to

cooperate with Assignee, and to execute without additional consideration any additional documents as deemed necessary by Assignee, to apply for or maintain patents or other legal protection for the **Invention** in any country of the world.

We hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the invention set forth in this **Application** to said Assignee.

Michael Urbancic  
Michael Urbancic

Executed this 19<sup>th</sup> day of May, 2003 at Louisville, Kentucky

STATE OF KY

)  
) SS:  
)

COUNTY OF Jefferson

Before me personally appeared Michael Urbancic, and acknowledged the foregoing instrument to be his free act and deed this 19<sup>th</sup> day of May, 2003.

My Commission expires: March 25, 2005

Clara L. Duncan  
Notary Public

(Seal)

Michael W. Balakos  
Michael W. Balakos

Executed this 19<sup>th</sup> day of May, 2003 at Louisville, Kentucky

STATE OF KY

)  
) SS:  
)

COUNTY OF Jefferson

Before me personally appeared Michael W. Balakos, and acknowledged the foregoing instrument to be his free act and deed this 19<sup>th</sup> day of May, 2003.

My Commission expires: March 25, 2005

Clara L. Duncan  
Notary Public

(Seal)

Robert J. Gartside  
Robert J. Gartside

Executed this 14<sup>th</sup> day of May, 2003 at Bloomfield, New Jersey.

STATE OF NEW JERSEY )  
 ) SS:  
COUNTY OF ESSEX )

Before me personally appeared Robert J. Gartside, and acknowledged the foregoing instrument to be his free act and deed this 14<sup>th</sup> day of May, 2003.

My Commission expires: JUNE 19, 2006

Jayne Ann Innes  
Notary Public

(Seal)

JAYME ANN INNES  
NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES JUNE 19, 2006

Robert J. Brummer  
Robert J. Brummer

Executed this 14<sup>th</sup> day of May, 2003 at Bloomfield, New Jersey

STATE OF NEW JERSEY )  
 ) SS:


COUNTY OF ESSEX

)

Before me personally appeared Robert J. Brummer, and acknowledged the foregoing instrument to be his free act and deed this 14<sup>th</sup> day of MAY, 2003.

My Commission expires: JUNE 19, 2003

(Seal)

  
Notary Public

JAYME ANN INNES  
NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES JUNE 19, 2003